WIRELESS N300 EXTENDER Series:
ENXWI-2AN4x

Product Description

The ENXWI-2AN42/ENXWI-2AN45 Wireless N300 Extender connects wired or wireless devices to an existing network. It expands the boundaries of a wired or wireless local area network (LAN) literally by repeating or extending access point signals thereby eliminating dead spot problems and expanding network range.

The ENXWI-2AN42/ENXWI-2AN45 Wireless N300 Extender complies with IEEE 802.11n, and provides faster and farther range than 802.11g while being backward compatible with 802.11g and 802.11b mode. It supports WEP, WPA, WPA2, and WPS WLAN security features that guarantee the best security for users.

Note:
The lowercase "x" in the model number represents the antenna type. At the time when this specification was written, Encore offers 2 different types of antenna for Wireless N300 Extender Series: 2dBi and 5dBi. The antenna shown on the picture is 2dBi. 5dBi antenna is longer.

Features:

- Up to 300 Mbps data transfer rates
- Backward compatible with IEEE 802.11b/g
- Support Access Point, Repeater, WDS, WDS + AP modes
- Support 64/128-bit WEP, WPA, WPA2, 802.1x Authentication Encryption
- Support WPS software PBC/PIN
- Built-in 5 ports 10/100 Ethernet switch with auto speed sensing
- Support Auto-crossover (MDI/MDI-X) function
- Support DHCP Server/Client
- Support UPnP
- Support MAC Filter
- Support software upgrade through Web
- Friendly web-based GUI Configuration and Management

Specifications:

Data Transfer Rates	300Mbps (802.11n mode) 54Mbps (802.11g mode) 11Mbps (802.11b mode)
Standard	IEEE 802.11b / 802.11g / 802.11n (Wireless) IEEE 802.3, IEEE 802.3u, IEEE 802.3x Full Duplex Flow Control (Wired)
Operating Radius	100M Indoor, 300M Outdoor
IP Management	DHCP (Dynamic Host Configuration Protocol) Server/Client Support UPnP (Internet Gate Device)
Security	Support 64/128-bit WEP Data Encryption Support WPA, WPA2 (802.11i) security Support WPS software PBC/PIN Support MAC ACL (MAC Access Control List) Support 802.1x RADIUS Server Support MAC filter
Management	Web-based GUI Configuration / Management Software Upgrade through Web Support System Log Support Configuration setting Backup/Restore/Reset Default
Interface	LAN x 5
LED Indicators	POWER, SYSTEM, WLAN x 1, LAN x 5, WPS
Antenna	Two 2dBi or 5dBi Dipole Antennas
Wireless Frequency	2.4000~2.4835GHz
Output Power	15 dBm
Receiver Sensitivity	IEEE 802.11b : -88 dBm (Typical), IEEE 802.11g : -70dBm (Typical) IEEE 802.11n: 20Mhz -68dBm ; 40Mhz -65dBm (Typical)
Transmit Output Power	11b : 18±1 dBm, 11g : 15±1 dBm , 11n : 13±1 dBm
Power	DC 12V
Dimensions	18 x 11.5 x 3.4 cm (W x L x H)
Net Weight (app)	152 g
Operating Temperature	0℃ ~ 40℃
Humidity	5 % ~ 95 % (non-condensing)
Storage Temperature	0℃ ~ 70℃
Supported OS	Windows 98SE, ME, 2000, XP, Vista, Win7, Mac and Linux
Regulations	FCC, CE